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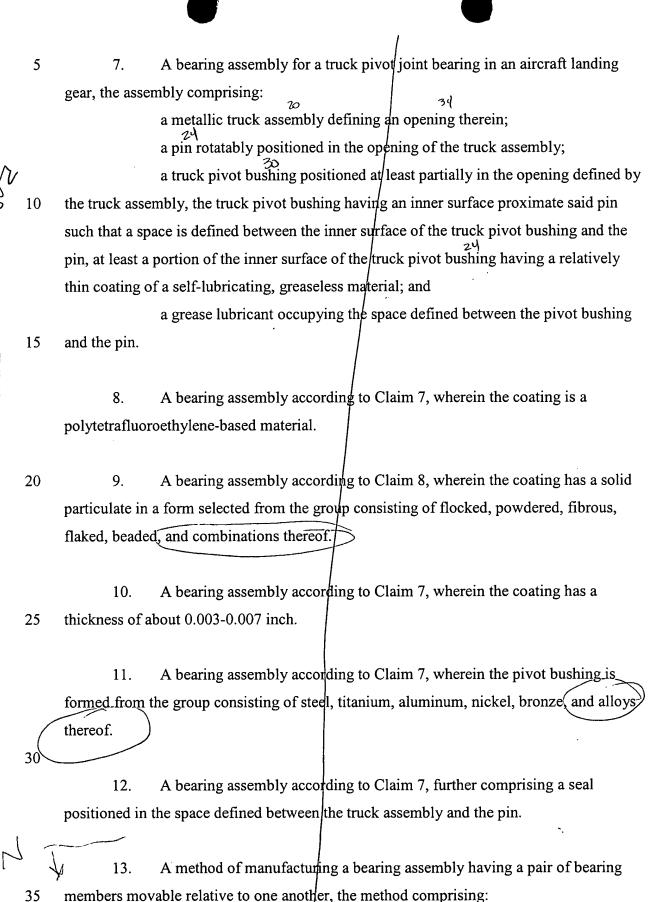
1. A bearing assembly, comprising:

a pair of bearing members movable relative to one another, said pair including a first member and a second member that define a space therebetween, at least said first member having a bearing surface having a relatively thin coating of a polytetrafluoroethylene-based material thereupon; and

a grease lubricant occupying the space defined between the first member and the second member, wherein the polytetrafluoroethylene-based material and the grease lubricant act in conjunction with one another to lubricate the first and second members.

- 2. A bearing assembly according to Claim 1, wherein the coating is a polytetrafluoroethylene-based material having a solid particulate in a form selected from the group consisting of flocked, powdered, fibrous, flaked, beaded, and combinations //2-ZNL thereof.
- 3. A bearing assembly according to Claim 1, wherein the coating has a thickness of about 0.003-0.007 inch.
- 4. A bearing assembly according to Claim 1, wherein the first member is formed from the group consisting of steel, titanium, aluminum, nickel, bronze, and alloys thereof.
- 5. A bearing assembly according to Claim 1, further comprising a seal positioned in the space defined between the first member and the second member.
 - 6. A bearing assembly according to Claim 1, wherein the coating is a self-lubricating material.

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applying a relatively thin coating of a self-lubricating, greaseless material 5 on a portion of a first member of the pair of bearing members;

positioning a second member of the pair of bearing members proximate the first member to define a space therebetween; and

introducing a grease lubricant between the first member and the second member such that the grease lubricant substantially occupies the space defined therebetween.

- A method according to Claim 13, wherein the grease lubricant introducing 14. step includes introducing an extreme pressure grease.
- A method according to Claim 13, wherein the applying step includes 15. coating the first member with a polytetrafluoroethylene-based material.
- A method according to Claim 13, further comprising removing the bearing 16. assembly from an aircraft landing gear before said applying step, whereby the greaseless material and the grease lubricant are retrofitted in existing aircraft landing gear.
- A method of lubricating a bearing assembly having a pair of bearing 17. members movable relative to one another, the method comprising:

positioning the pair of bearing members proximate each other to define a space therebetween;

applying a coating of a polytetrafluoroethylene-based, greaseless material to at least a portion of one of the members of the pair of members; and

introducing a grease lubricant so as to occupy the space defined between the members, wherein the grease lubricant is in contact with the coating of greaseless material.

A method according to Claim \$17\$, further comprising removing the bearing 18. assembly from an aircraft landing gear before said applying step, whereby the greaseless material and the grease lubricant are retrofitted in existing aircraft landing gear.